Index to Volume 25

Subject Index

AAPCC. *See* Adjusted Average Per Capita Cost
Abstinence, among alcoholics, S66
Academic group practice, 72, 686
Acquired immunodeficiency syndrome. *See* AIDS
Activities of daily living, 120
Adjusted Average per Capita Cost Capitation Formula, 100, 1002
ADLs. *See* Activities of daily living
Administration, mode of, 470
Adverse patient incidents, 185
Adverse Patient Occurrence Index, 695
Advertising, 311
AFDC. *See* Aid to Families with Dependent Children progam
Affective Communication Test, 504
Age
  differences in physician use with, 1148
  health status and, 340
Aging population and rehabilitation needs, 753
Aid to Families with Dependent Children program, 413
AIDS, physician attitudes regarding, 675
AIDS-related conditions, 675
Alcohol, drug, mental patients
  DRGs and alternative payment systems for, S22
  prediction of, S24
  treatment of, S11
Alcoholism, treatment of, 52, S66
Ambulatory care
  effects of organizational change on, 72
  in preferred provider organization, 1033
  team-delivered, 570
Anesthesiologists, 1129
Antibiotic prophylaxis, 652
Anxiety, 913
Aphasia, 764
APO Index. *See* Adverse Patient Occurrence Index
Appointment reminders, 83
Appropriateness Evaluation Protocol (AEP), 481
Audits, failure of, 78
Automatic Interaction Detector (AID) analysis, 9
AVIVA program, 582
Beta blockers, 652
Bipolar disorders, treatment of, S76
Blood pressure control programs, 254. *See also* Hypertension
California Medicaid demonstration project, 35
Canada Health Survey, 658
Canadian Medicare system, 658
Cancer
  hospice care for, 373
  quality of life and, 642
Capitation, 35, 111
  health status of elderly and, 1002
Capitation formula, 100, 1002
Care-Cure Orientation Index, 504
Case-mix adjustment, S1
Case-mix measures, 724
Certified registered nurse anesthetists, 1129
Chemistry laboratory, 287
Children, access to care of, 386
Chiropractic clinic patients, 516
Chronic disease, 539
  prediction of readmissions with, 1186
  quality of life and, 642
Circumcision, 857
Citicare program, 111
Clinical decision making, S106, S123, S138, S153
Communicative disorders, 764
Community hospitals, patient characteristics of, 1099
Comorbidity provision, 1011
Comprehensive disclosure, 857
Computer consultation program, S138
Computer program, interactive, 582
Computer-aided diagnosis, S106, S123, S138, S156
Computerized decision making, S138
Computerized diagnostic screening, S106
Confidence profile method of evaluation, S66
Connecticut skilled nursing facilities, 46
Consultative physicians, 267
Consumerism in health care, 1019
Coronary care unit costs, 979
Corporate financing of medical technology, 979
Cost awareness, 181
Cost control
  with Citicare program, 111
  DRGs and, 88
  in drug prescription, 210
  under hospital prepayment program, 781
  in laboratory testing, 286
Cost estimates, 286, 481
Cost savings, 52
Cost-based reimbursement, demise of, S1
Cost-effectiveness analysis, in end-stage renal disease treatment, 25, 1168
Costs
  incremental, 481
  of medical technology, 979
  patient sensitivity to, 1019
  sources of variation in, 801
Counseling, 1078
Courtesy/Respect Scale, 504
Crisis centers, and suicide prevention, S57
Cyclosporine, 238
Decision analysis, 582
  mental health and, S85
Decision making. *See also* Health decision
  informed consent and, 857
  physician, 882
Decision making aid, S123
Decision making model, S138
Deinstitutionalization, S16
Demographic changes, 753
Dental services, utilization of by elderly, 936
Diabetes regimen adherence, 868
Diagnosis-related groups
  alternative systems in psychiatric treatment, S22

Index to Volume 25

Subject Index

AAPCC. *See* Adjusted Average Per Capita Cost
Abstinence, among alcoholics, S66
Academic group practice, 72, 686
Acquired immunodeficiency syndrome. *See* AIDS
Activities of daily living, 120
Adjusted Average per Capita Cost Capitation Formula, 100, 1002
ADLs. *See* Activities of daily living
Administration, mode of, 470
Adverse patient incidents, 185
Adverse Patient Occurrence Index, 695
Advertising, 311
AFDC. *See* Aid to Families with Dependent Children progam
Affective Communication Test, 504
Age
  differences in physician use with, 1148
  health status and, 340
Aging population and rehabilitation needs, 753
Aid to Families with Dependent Children program, 413
AIDS, physician attitudes regarding, 675
AIDS-related conditions, 675
Alcohol, drug, mental patients
  DRGs and alternative payment systems for, S22
  prediction of, S24
  treatment of, S11
Alcoholism, treatment of, 52, S66
Ambulatory care
  effects of organizational change on, 72
  in preferred provider organization, 1033
  team-delivered, 570
Anesthesiologists, 1129
Antibiotic prophylaxis, 652
Anxiety, 913
Aphasia, 764
APO Index. *See* Adverse Patient Occurrence Index
Appointment reminders, 83
Appropriateness Evaluation Protocol (AEP), 481
Audits, failure of, 78
Automatic Interaction Detector (AID) analysis, 9
AVIVA program, 582
Beta blockers, 652
Bipolar disorders, treatment of, S76
Blood pressure control programs, 254. *See also* Hypertension
California Medicaid demonstration project, 35
Canada Health Survey, 658
Canadian Medicare system, 658
Cancer
  hospice care for, 373
  quality of life and, 642
Capitation, 35, 111
  health status of elderly and, 1002
Capitation formula, 100, 1002
Care-Cure Orientation Index, 504
Case-mix adjustment, S1
Case-mix measures, 724
Certified registered nurse anesthetists, 1129
Chemistry laboratory, 287
Children, access to care of, 386
Chiropractic clinic patients, 516
Chronic disease, 539
  prediction of readmissions with, 1186
  quality of life and, 642
Circumcision, 857
Citicare program, 111
Clinical decision making, S106, S123, S138, S153
Communicative disorders, 764
Community hospitals, patient characteristics of, 1099
Comorbidity provision, 1011
Comprehensive disclosure, 857
Computer consultation program, S138
Computer program, interactive, 582
Computer-aided diagnosis, S106, S123, S138, S156
Computerized decision making, S138
Computerized diagnostic screening, S106
Confidence profile method of evaluation, S66
Connecticut skilled nursing facilities, 46
Consultative physicians, 267
Consumerism in health care, 1019
Coronary care unit costs, 979
Corporate financing of medical technology, 979
Cost awareness, 181
Cost control
  with Citicare program, 111
  DRGs and, 88
  in drug prescription, 210
  under hospital prepayment program, 781
  in laboratory testing, 286
Cost estimates, 286, 481
Cost savings, 52
Cost-based reimbursement, demise of, S1
Cost-effectiveness analysis, in end-stage renal disease treatment, 25, 1168
Costs
  incremental, 481
  of medical technology, 979
  patient sensitivity to, 1019
  sources of variation in, 801
Counseling, 1078
Courtesy/Respect Scale, 504
Crisis centers, and suicide prevention, S57
Cyclosporine, 238
Decision analysis, 582
  mental health and, S85
Decision making. *See also* Health decision
  informed consent and, 857
  physician, 882
Decision making aid, S123
Decision making model, S138
Deinstitutionalization, S16
Demographic changes, 753
Dental services, utilization of by elderly, 936
Diabetes regimen adherence, 868
Diagnosis-related groups
  alternative systems in psychiatric treatment, S22

case mix and costs in, 801
comorbidity provision of, 1011
cost awareness with, 181
hospital product and productivity with, 528
for nosocomial infections, 481
patient shifting with, 1161
psychiatric facilities under, S1
psychosocial service and, 140
refinement of, 724
severity differences in, 801
short-term responses to, 88
Diagnostic tests, underutilization of, 928. *See also* Laboratory tests
Disability, 1057
Disability determinations, 267
Discharge criteria, 1186
Disease staging, 724
Disulfiram, S66
Distress, interventions for, 1078
DRG. *See* Diagnosis related groups
Drug product selection laws, 1069
Drugs. *See also* Prescription drugs
gender differences in use of, 1089
immunosuppressive in transplants, 238
information seeking for, 953
prices of, 1069
substitution of, 1069
use of, 539
appropriate, 210
Echocardiography, impact of, 652
Education. *See also* Health education; Medical education
health care utilization and, 604
of physicians, S123
suicide prevention and, S57
Effective Interaction Scale, 504
Elderly
determinants of physician use by, 1148
emergency room utilization by, 1139
functional assessment of, 120
health status of and medical care capitation, 1002
in Medicaid nursing homes, 738
nursing homes and, 1
use of dental services by, 936
veterans, care of, 830
Emergency department services, 770
in Citicare program, 111
utilization of, 1139
End-stage renal disease
transplant and, 238
treatment of, 25, 238
definition of modality in, 1168
ESRD. *See* End-stage renal disease
Evaluation protocols, appropriateness of, 481
Family
health care use of, 616
primary care use and, 1007
Family clinic, patient anxiety in, 913
Family physicians, residency-trained, 455
Family planning clinics, patient outcome and staff job satisfaction in, 259, 263
Fee-for service practice alternatives to, 35
cost sharing effects on, 148
Fee-for-service plans and HMO experimental group, 157
mental health service utilization in, 894
For-profit health care, 1181
Functional health status, 100
Gatekeepers of Health care delivery, 671
Gender
and status, 847
differences in prescribed drug use, 1089
General Empathy Scale, 504
General Health Perceptions Questionnaire (GHQ), 327, 1078
General internal medicine, 455
Generic drugs, 1069
Geographic variation, 340
GMENAC, 426
on national health planning, 671
Graduate medical education, 686
Great Britain, health care in, 131
Group Health Cooperative of Puget Sound, 148
Group practice
academic, 686
patient show rates and, 72
Handicapped, rehabilitation needs of, 753
Health care
access to, 202, 361, 413, 796
accessibility of, 111
for AIDS patients, 675
anxiety over, 913
Citicare program and, 111
consumerism in, 1019
cost savings in, 52
costs of, 373, 386
effectiveness of, 516
financing of, 1161
for-profit, 1181
gatekeepers of delivery of, 671
source of, 386
team-delivered, 570
utilization of, 386, 516
based on chronic diagnosis, 1002
by elderly versus middle-aged patients, 1148
enabling factors in, 300
family patterns of, 616
by Hispanic subpopulations, 627
by low-income working men, 604
predisposing factors in, 300
racial differences in, 592
in resident care, 738
by severely disabled, 1057
urban environment and, 1007
in war conditions, 904
waiting for, 131
Health care behavior, 616
consumerism and, 1019
Health care decisions, 965
Health care marketing, 311
Health care professionals, and suicide prevention, S57
Health diaries, 539
Health education. *See also* Education; Medical education
patient satisfaction and, 1044
on prescription drugs, 953
Health maintenance organization model, 35
Health maintenance organizations
capitation formula of, 100
vs. fee-for-service, 157
mental health service utilization in, 894
needs-based planning in, 426
preferred use of, 1033
Health manpower planning, 426
Health production function, 604
Health status
health care utilization and, 1002
variations in age-adjusted, 340
Health status measurement, 470
in Medicare HMO capitation formula, 100
stability of, 100
Health surveys, 470
Help-seeking behavior, 1113
Heterogeneity model of suicide, S87
High blood pressure. *See* Hypertension
Hip replacement, 276
Hispanic subpopulations, 627
HMOs. *See* Health maintenance organizations
Home care

intensity of, 385
program, 373
Home remedies, 904
Hospice, 373
Hospital Insurance and Diagnostic Service Act (Canada), 658
Hospital manpower, 1129
Hospital outpatient/emergency room care, 386
Hospital prepayment program, 781
Hospital product, 528
Hospital productivity and prospective payment system, 528
Hospital staff, underutilizaton of diagnostic tests by, 928
Hospital utilization, 592
for chronic disease, 1186
determinants of, 658
inter-area variations in, 340
race and, 592
Hospitalization
of elderly, 1
factors in determining need for, 882
for hypertension, 717
illness rates and, 354
length of, 250, 481
risk appraisal, 582
Hospital-physician relations, 781
Hospitals
admission, waiting for, 131
discharge criteria from, 1186
diversification of, 988
nursing homes and use of, 1
patient characteristics of, 1099
profitability of, 988
psychosocial service and prospective payment systems, 140
quality of care in, 489
response of to prospective payment, S37
short-term response to DRG prospective pricing, 88
urban-rural cost variations in, 801
volume of, 489
Hospitals' Experimental Payments, 781
Hotlines, and suicide prevention, S57
Humanism, 504
HUMPTS, 504
HUMSTF, 504
Hypertension
detection and referral of, 770
management of, 254
recognition and control of, 717
Illness. *See* Severity of illness
Illness behavior, 965
Illness rates and hospital rates, 354
Immunosuppressive drugs, 238
Imputed data survey analysis, 705
Incident reports, 185
Income
and access to care, 386
health production function and, 604
Independent practice association, 1033
Indexes, reliability of, 695
Information seeking, 953
consumerism and, 1019
Information theory technique, 185
Informed consent, for circumcisions, 857
Insurance
costs of and consumerism, 1019
loss of, 413
universal program of, 658
Intelligent display system, S123
Internists, general, 455
Interpersonal counseling, 1078
Interventions
effectiveness of
in seriously ill, 642
in suicide, S57
provider-oriented, 254
psychosocial, 1078
JNC III report on Hypertension Detection, Treatment, and Control, 717
Job satisfaction. *See* Physician satisfaction
Joint replacement, 276
Katz Index of Activities of Daily Living, 120
Kidney transplant, 25
future of, 238
Laboratory management system, 286
Laboratory tests
cost control in, 286
improved ordering of, 928
utilization, 78
Language-disabled adults, 764
Lay consultation, 539
Life year values, 25
Lithium carbonate, and bipolar disorder, S76
Logistic regression model, 300
Long-term care, 361
determining costs of, 384
functional assessment of, 120
patient shifting with, 1161
of public patients, 46
in short-term hospitals, 250
variations in nursing home populations in, 738
Long-term care facilities, 1161
Long-term Care Minimum Data Set, 120
Managed care, 1057
Management reporting systems, 286
Manic-depressive illness, S76
Manitoba Longitudinal Study on Aging, 2
Mathematical models, in mental health care, S89
McGill Pain Questionnaire, 642
McMaster Health Index Questionnaire, 470
Medicaid, 413
coverage of Hispanics by, 627
primary care and, 111
rates of, 46
Medicaid nursing home populations, 738
Medicaid nursing home reimbursement, 9
Medicaid pilot project, 35
Medical care. *See* Health care
Medical clinics, patient show rates in, 72
Medical education. *See also* Health education
graduate, 686
on laboratory tests, 928
Medical Empathy Scale, 504
Medical records
quality of, 20
use of, 196
validiy of, 196
Medical school programs, 202
Medi-Cal system, 35
Medical technology, 979
Medically indigent, 604
Medicare
capitation formula of, 100, 1002
patient shifting and, 1161
prospective payment system effects on, 528
psychiatric facilities under, S1
psychosocial service delivery and, 140
urban-rural rate differential in, 801
Medicare Prospective Payment System
case-mix model for, 9
Mental disorder screening, S100
Mental health care
describing status changes in, 222
in HMO versus fee-for-service plans, 894
methods of payment for, S18
patient behavior in, 1113
utilization of, 1113
Mental health clinics, effects of ownership on, 1181
Mental health
hospitalization costs of, S15
length of stay in, S12, S17
Mental health policies, evaluation of, S85
Mental health screening, S90
Mental health system, differentiation in, S8
Mental health visits, 894
Mental morbidity, detection and management of, 327
Meta-analysis, S66
MHIQ. *See* McMaster Health Index Questionnaire
Mitral value prolapse, 652

Monterey County health initiative, 35
Morbidity
adjusters, 354
family patterns of, 616
iceberg, 539
prevalence, 340
Multiple classification analysis, 904
Musculoskeletal symptoms, 539
Myocardial infarction therapy, 979
National health insurance, 202
National health Interview Survey, 340, 1099
National Medical Care Utilization and Expenditure Survey, 627, 705
Need variables, 300
Needs-based planning, 426
of nursing home care access, 796
New Jersey hospitals and DRGs, 88
Nominal group process technique, 764
Non-verbal Expressiveness Scale, 504
North Carolina Disability Determinations Agency, 267
Norwegian physician utilization, 300
Nosocomial infections, 481
Nurse anesthetists, 1129
Nurse practitioner–physician communication, 570
Nurse practitioners, gender and status attribution of, 847
Nurse ratings, 504
Nursing effort, 120
Nursing homes
access to, 796
case mix of, 9
public patients in, 46
hospital use and, 1
occupancy rates of, 796
population variations in, 738
RUGs and access to, 361
Nursing resource use, 9
Nursing staff, job satisfaction of, 259, 263
Offsetting of costs, 52
Omnibus Budget Reconciliation Act of 1981, 413
ORA. *See* Omnibus Budget Reconciliation Act of 1981
Oral health. *See also* Dental caries
beliefs regarding, 951
importance of, 952
Organ procurement agencies, 238
Organ transplantation, 238
Outcomes
adverse, 695
assessment of, 764
mental health, 222
professional satisfaction and, 259, 263
surgeon and hospital volume effects on, 489
on total joint arthoplasty, 276
Outpatient mental health clinics, 1181
utilization of, 894
Parking passes, 83
Patient characteristics, in VA versus community hospitals, 1099
Patient classification
activities of daily living and, 120
by nursing resource use, 9
Patient compliance, in diabetes regimen, 868
Patient Management Categories, 724
Patient noncompliance, 953
Patient outcome. *See* Outcomes
Patient participation, 857
with consumerism movement, 1019
enhancement of, 1044
Patient recall, 437
Patient referral process, 140
Patient satisfaction, 437
informed consent and, 857
physician humanism and, 504
physician-patient communication and, 1044
Patient selection, for coronary care units, 979
Patient shifting, 1161
Patients
adverse occurrence in, 695
anxiety of, 913
appointment keeping, 72, 83
care of symptoms by, 539
of chiropractic clinic, 516
communicative behavior of, 1044
cost sensitivity of, 1019
extramedical characteristics of, 882
incidence of falls of, 185
race of, 592
Payment systems. *See also* Prospective payment system
psychiatric classification and, S22
Pediatric patients, appointment keeping rates of, 83
Pediatrics, need-based model for, 426
Pharmacists' substitution behavior, 1069
Physical disorder screening, S100
Physical therapy in joint replacement, 276
Physician attitudes, 202, 504
about advertising, 311
toward AIDS and AIDS-related disorders, 675
and Social Security disability determinations, 267
Physician behaviors, 437
Physician education, 202
prescribing change and, 210
Physician Humanism Scale, 504
Physician performance, 399, 437
in hospital, 781
Physician requirement forcasting methodology, 426
Physician satisfaction
in group practice, 686
and patient outcome, 259
Physician specialities, 455
Physician use, 300
by elderly and middle-aged patients, 1148
Physician–nurse practitioner communication, 570
Physician–patient communication, 399, 437, 1044
informed consent and, 857
Physician–patient relations, 437, 882, 1044
Physicians
advertising by, 311
children's access to, 386
cost awareness of under prospective payment systems, 181
gender and status attribution of, 847
humanism of, 504
practice styles of, 455, 882
responsiveness of to patients, 882
task versus socioemotional behaviors in, 399
time spent with patient and outcome, 222
work relations of, 781
Physician's office, 386
PMCs. *See* Patient Management Categories
Pneumonia, 20
Predisposing factor, for suicide attempt, S87
Preferred provider organization, 1033
Prepayment program, 781
Prescription drugs
gender differences in use of, 1089
information seeking for, 953
predictors of changes in, 210
Primary care
with Citicare program, 111
influences on choice of, 671
mental morbidity in, 327
patient anxiety with, 913
psychosocial interventions in, 1078
urban environment and, 1007

Primary care physicians, 455
Primary care training programs, 671
Production functions and mental health, 222
Professional Standards Review Organization program, 196
Profile of Mood States, 642
Prophylactic use of lithium in bipolar disorder, S76
Prospective payment system
disease staging and management categories in, 724
excluded psychiatric facilities under, S1
hospital response to, 88
patient shifting and, 1161
payment variables in, S3
physician cost awareness under, 181
psychosocial service delivery and, 140
reduction of Medicare patients with, 528
urban-rural rate differential in, 801
Psychiatric care, S103
Psychiatric classification and payment systems, S22
Psychiatric facilities
response of to prospective payment, S37
under prospective payment system, S1
Psychiatric inpatient services system, organization of, S6
Psychiatric patients, physical disease in, S99
Psychiatric prospective payment research, S42
Psychologic problems, seeking help for, 1113
Psychosocial intervention, 140, 1078
Psychosocial predictors, of diabetes regimen adherence, 868
Public patients in skilled nursing facilities, 46
Quality assurance
in drug prescriptions, 210
with improved test ordering, 928
Quality of care, 489
with costly medical technology, 979
effects of facility ownership on, 1181
with hypertension, 717
patient race and, 592
perceived, 781
of VA services, 830
Quality of life, 539
Quality-of-life measures
patient versus clinician generation of, 764
specificity of, 642
Quantitative indicators, 120
Queuing, 131
Race and hospital services, 592
Rand Health Insurance Experiment, 148
findings of, 157
Readmissions, prediction of, 1186
Referrals, for hypertension, 770
Rehabilitation
of aphasic patients, 764
needs, 753
Rehabilitation clinicians, 764
Rehabilitation medicine, 753
Renal disease, end-stage, 25, 1168
Resource allocation, 131
Resource utilization, 455
nursing home care and, 361
patient classification by, 9
psychiatric, prediction of, S22
Resource utilization groups, 361
Respiratory symptoms, 539
Risk management, 185
ROC curves, S90
RUGs. *See* Resource utilization groups
Rural-urban cost variation, 801
Screening
suicide prevention and, S57
systems for hypertension, 770
Screening procedures
for mental disorders, S100
for physical disorders, S100
for psychiatric diagnoses, S103
for psychological function; S106
Self-care, 539
self-medication and, 965
under war conditions, 904
Self-medication, 965
Self-Report Scales of Physician Humanistic Attitudes and Behaviors, 514
Severity of illness
measurement of, 724
rural-urban differential in, 801
Severity of illness index, 695
psychiatric, S28
Severely disabled independently living adults, 1057
Sex roles, 847
SHARE Program, 88
Show rates. *See* Patients, appointment keeping
Sickness Impact Profile, 642
Skilled nursing facilities. *See* Nursing homes
Social costs, of end-stage renal disease treatment, 25
Social Security, disability determinations of, 267
Social selection in help seeking, 1113
Socioeconomic variables, 604
Socioemotional behaviors, 399, 437
State-dependence model of suicide, S87
Stereotypes, sexual, 847
Stress symptoms, 1078
Suicide among youths, S57
Suicide attempt, nonlethal, S87
Suicide behavior, S87
Surgeon volume, 489
Symptoms, 539
emotional, 1078
self-treatment of, 965
Task behaviors, 399, 437
Tax Equity and Fiscal Responsibility Act of 1982, S1
Teaching clinic, 516
Team health care, 570
Terminal care, 373
Terminal illness, 373
Test ordering, 928
Total joint arthroplasty, 276
Training programs
for health care for AIDS patients, 675
primary care, 671
Treatment decisions and echocardiography, 652
Treatment effectiveness in mental health, 222
Treatment modalities, 516
of alcoholism, S66
in end-stage renal disease, 1168
switching of, 1168
UCLA Medical Ambulatory Care Center, 504
Uniformed services beneficiaries, 1033
Urban environment and primary care, 1007
Urban-rural cost variations, 801
Utilization. *See* Health care, utilization of; Hosptial utilization; Physician utilization
Veterans
predicting readmission of, 1186
survey of, 830
Veterans Administration
health planning in, 1105
length of stay in hospitals, 250
patient characteristics of, 1099, 1105
predictors of future utilization of,
psychiatric project of, S29
quality of care of, 830
utilization of, 1105
determinants of, 830
War conditions and health treatment, 904
Working men, 604

Title Index

Original Articles, Communications, and Policy Forums

(C) Communications
(P) Policy Forum

A Computer Consultation Program for Primary Care Physicians: Impact of Decision Making Model and Explanation Capability, S138
A Confidence Profile Analysis of the Effectiveness of Disulfiram in the Treatment of Chronic Alcoholism, S66
A Model for Physician Utilization within 2 Weeks: Analysis of Norwegian Data, 300
A Prospective Evaluation of the Effect of Managed Care on Medical Care Utilization Among Severely Disabled Independently Living Adults, 1057
A Prospective Study of 2,000 Patients Attending a Chiropractic College Teaching Clinic, 516
A Segmentation Analysis of Prescription Drug Information Seeking, 953
Academic Group Practice: The Physicians' View, 686
Access to Nursing Home Care: A Need-Based Approach, 796
Activities of Daily Living as Quantitative Indicators of Nursing Effort, 120
Advertising by Physicians: Behavior and Attitudes, 311
Alcoholism Treatment and Potential Health Care Cost Savings, 52
An Experiment to Change Detection and Management of Mental Morbidity in Primary Care, 327
An Explanatory Model of Older Persons' Use of Dental Services: Implications for Health Policy, 936
An Intelligent Display System for Psychiatric Education in Primary Care, S123
Anxiety in Patients Awaiting Primary Medical Care, 913
Appraisal of Modifiable Hospitalization Risks, 582
Assessing a Methodology for Physician Requirement Forecasting: Replication of GMENAC's Need-based Model for the Pediatric Specialty, 426
Capitation for Medical Care: The Importance of Health Status in Older Patients, 1002
Case Mix of Public Patients in Skilled Nursing Facilities in Connecticut, 46
Characteristics of Nurse Anesthetists Working With and Without Anesthesiologists, 1129
Circumcision and Informed Consent: Is More Information Always Better?, 856
Closing Remarks, S159
Closing Remarks, S160
Commentary: Aids to Diagnostic Decisionmaking, S153
Commentary: Application of Decision Analysis to Mental Health, S85
Commentary: Computer-based Diagnostic Decisionmaking, S148
Commentary: Description of Mathematical Models, S89
Commentary: Screening Procedures in Psychiatric Care: A Practice Whose Time Has Come, S103
Commentary: The Other Part of the Elephant: Mental Disorder Screening in Primary Health Care Settings and Physical Disorder Screening in Psychiatric Settings, S100
Communications Among Nurse Practitioners and Physicians in Team-Delivered Ambulatory Care: Comparison With Physician-to-Physician Interactions, 570
Comparison of Use of Outpatient Mental Health Services in an HMO and Fee-for-Service Plans: Sensitivity to Definition of a Visit, 894
Consumerism in Health Care: Prevalence and Predictors, 1019
Cost-effectiveness Analysis of End-stage Renal Disease Treatments, 25
Detecting Physical Disease in Psychiatric Patients, S99
Determinants of VA Utilization: The 1983 Survey of Aging Veterans, 830
Diabetes Regimen Behaviors: Predicting Adherance, 868
Diagnosis-Related Groups: A Critical Assessment of the Provision for Comorbidity, 1011
Differences in Determinants of Physician Use Between Aged and Middle-Aged Persons, 1148
Differences in Patient Characteristics Between Veterans Administration and Community Hospitals: Implications for VA Planning, 1099
Disease Staging and PMCs: Can They Improve DRGs?, 724
Do Nursing Homes Reduce Hospital Use?, 1
Does Hospital Deversification Improve Financial Outcomes?, 988
Does One Nonlethal Suicide Attempt Increase the Risk for a Subsequent Nonlethal Attempt?, S87
Effect of an Academic Group Practice on Patient Show Rates: A Randomized Controlled Trial, 72
Effects of Modeling on Patient Communication, Satisfaction, and Knowledge, 1044
Effects of Reducing Physical Therapy Services on Outcomes in Total Joint Arthroplasty, 276
Effects of Surgeon Volume and Hospital Volume on Quality of Care in Hospitals, 489
Effects of an Expanding Home Care Program for the Terminally Ill, 373
Efficacy of a Brief Psychosocial Intervention for Symptoms of Stress and Distress Among Patients in Primary Care, 1078
Estimating the Effectiveness of Interventions to Prevent Youth Suicides, S57
Evaluating the Use of Mental Health Screening Scales in Primary Care Settings Using Receiver Operating Characteristic Curves, S90
Evidence on Provider Response to Prospective Payment, S37
Exploring Physician Responses to Patients' Extramedical Characteristics: The Decision to Hospitalize, 882
Exploring the Iceberg: Common Symptoms and How People Care for Them, 539
Factors Affecting the Incidence of Patient Falls in Hospitals, 185
Factors Influencing Frequency and Appropriateness of Utilization of the Emergency Room by the Elderly, 1139
Failure of Low-cost Audits With Feedback to Reduce Laboratory Test Utilization, 78
Family Health: Utilization and Effects of Family Membership, 616

Foreword, S53
Gender Differences in the Acquisition of Prescribed Drugs: An Epidemiological Study, 1089
Gender and the Attribution of the Nurse Practitioner and Physician Status, 847
Health Care and Insurance Loss of Working AFDC Recipients, 413
Hospital—Physician Relations Under Hospital Prepayment, 781
Hospitalization as an Opportunity to Improve Hypertension Recognition and Control, 717
Implications of Research for Psychiatric Prospective Payment, S42
Improving House Staff Ordering of Three Common Laboratory Tests: Reductions in Test Ordering Need Not Result in Underutilization, 928
Including a Measure of Health Status in Medicare's Health Maintenance Organization Capitation Formula: Reliability Issues, 100
Influences on the Choice of Primary Care: Today's Gatekeepers to the Medical Care Delivery System, 671
Inter-Area Variations in Age-Adjusted Health Status, 340
Interstitial Variation in Elderly Medicaid Nursing Home Populations: Comparisons of Resident Characteristics and Medical Care Utilization, 738
Introduction, S55
Length of Stay in VA: Long-Term Care in Short-Term Hospitals, 250
Lithium and the Single Episode: When to Begin With Long-term Prophylaxis for Bipolar Disorders, S76
Measuring Physicians' Humanistic Attitudes, Values, and Behaviors, 504
Nursing Home Case Mix: Patient Classification by Nursing Resource Use, 9
Ownership and Performance: The Case of Outpatient Mental Health Clinics, 1179
Patient Shifting as a Response to Medicare Prospective Payment, 1161
Patient Versus Clinician Item Generation for Quality-of-Life Measures: The Case of Language-Disabled Adults, 764
Physician Attitudes and Experience Regarding the Care of Patients With Acquired Immunodeficiency Syndrome (AIDS) and Related Disorders (ARC), 675
Physician Awareness of Cost Under Prospective Reimbursement Systems, 181
Pneumonia—The Quality of Medical Records Data, 20
Population Illness Rates Do Not Explain Population Hospitalization Rates: A Comment on Mark Blumberg's Thesis That Morbidity Adjusters Are Needed to Interpret Small Area Variations, 354
Predicting Readmission in Veterans with Chronic Disease: Development and Validation of Discharge Criteria, 1184
Predictors of Physician Prescribing Change in an Educational Experiment to Improve Medication Use, 210
Preliminary Production Functions Describing Change in Mental Health Status, 222
Professional Satisfaction and Client Outcomes: A Reanalysis, 259
Professional Satisfaction and Client Outcomes: Reply of Hays and White, 263
Provider–Orientated Interventions and Management of Hypertension, 254
RUGs and Equity of Access to Nursing Home Care, 361
Reducing Effort With Reminders and a Parking Pass to Improve Appointment Keeping for Patients of Pediatric Residents, 83
Reflections: The Research Agenda, S157
Rehabilitation Needs in the 1990s: Effects of an Aging Population, 753
Relations Between Physicians' Behaviors and Analogue Patients' Satisfaction, Recall, and Impressions, 437
Relationship Between Patient Race and the Intensity of Hospital Services, 592
Research on Psychiatric Classification and Payment Systems, S22
Seeking Help for Psychologic Problems: A Replication and Extension, 1113
Self-Care Under War Conditions: The Case of Beirut, Lebanon, 904
Self-Care and Self-Medication: An Evaluation of Individuals' Health Care Decisions, 965
Sensitivity to Change and the Effect of Mode of Administration on Health Status Measurement, 470
Severity of Illness and the Adverse Patient Occurrence Index: A Reliability Study and Policy Implications, 695
Short-Term Responses of Hospitals to the DRG Prospective Pricing Mechanism in New Jersey, 88
Social Security Disability Determinations: Knowledge and Attitudes of Consultative Physicians, 267
Some Clarification About Health Planning in the VA, 1105
Sources of Hospital Cost Variation by Urban-Rural Location, 801
Strategies for the Analysis of Imputed Data From a Sample Survey: The National Medical Care Utilization and Expenditure Survey, 705
Switching and the Definition of End-Stage Renal Disease Treatments, 1168
Task Versus Socioemotional Behaviors in Physicians, 399
The Appropriateness of Using a Medical Procedure: Is Information in the Medical Record Valid?, 196
The Chemistry Laboratory: Development of Average, Fixed, and Variable Costs for Incorporation into a Management Control System, 286
The Determinants of Hospital Utilization Under a Universal Public Insurance Program in Canada, 658
The Diagnostic Screening Procedure Writer: A Tool to Develop Individualized Screening Procedures, S106
The Effect of PPS on Hospital Product and Productivity, 528
The Effects of Differences in State Drug Product Selection Laws on Pharmacists' Substitution Behavior, 1069
The Estimation of the Health Production Function for Low-Income Working Men, 604
The Findings of the Rand Health Insurance Experiment—A Response to Welch et al., 157
The Future of Kidney Transplantation: The Effect of Improvements in Survival Rate on the Shortage of Donated Kidneys, 238
The High Cost of Medical Technology: Getting at the Heart of the Matter, 979
The Impact of Echocardiographic Results on Treatment Decisions for Patients Suspected of Mitral Valve Prolapse, 652

The Impact of a Prospective Payment System on Psychosocial Service Delivery in the General Hospital, 140
The Importance of Distinguishing Hispanic Subpopulations in the Use of Medical Care, 627
The Importance of Type of Usual Source of Care for Children's Physician Access and Expenditures, 386
The Influence of Medical School Programs on Physicians' Attitudes Toward Universal Access to Medical Care, 202
The Monterey County Health Initiative: A Post-Mortem Analysis of a California Medicaid Demonstration Project, 35
The Organization of the Psychiatric Inpatient Services System, S6
The Problem, S1
The Rand Health Insurance Study: A Summary Critique, 148
The Specificity of Quality-of-Life Measures Among the Seriously Ill, 642
The Urban Environment and Its Impact on Primary Care, 1007
The Use of Medical Resources by Residency-Trained Family Physicians and General Internists: Is There a Difference?, 455
Use of Ambulatory Health Care Services in a Preferred Provider Organization, 1033
Use of Health Care Before and During Citicare, 111
Use of the Appropriateness Evaluation Protocol for Estimating the Incremental Cost Associated With Nosocomial Infections, 481
Using the Emergency Department as a Screening Site for High Blood Pressure: A Method for Improving Hypertension Detection and Appropriate Referral, 770
Waiting for Care: Queuing and Resource Allocation, 131

Author Index

(BR) Book Review **(L) Letter to the Editor**
(C) Communication **(P) Policy Forum**
Italics Author of Reviewed Book

Alemi, F., 582
Ament, R. P., 528
Andersen, A.S., 300
Anderson, L.A., 1044
Angus, D.E., 658
Arling, G., 9
Ascione, F.J., 539
Ashkar, A., 904
Ashton, C.M., 1184
Austin, C., 830
Aved, B.M., 35
Avorn, J., 210

Bakin, D., S123
Balestra, D., 1002
Ballard, D.J., 254
Barber, G.M., 111
Barchet, S., 1033
Baretich, M.F., 185
Barkdoll, G., 953
Baugh, D.K., 738
Beland, F., 202
Belcher, B.E., 222
Benjamin, B., 894
Beresford, S., 254
Berk, M.L., 627
Bernstein, A.B., 627
Berwick, D., 1078
Birrer, R.B., 1007
Bleich, H.L., 1011
Bloom, B.S., 131
Blumberg, M.S., 340
Bonham, G.S., 111
Borgatta, E., 830
Borus, J.F., S100
Bottoms, C., 1129
Boyce, W.T., 856
Branch, L.G., 1057
Brant, B.A., 9
Breslau, D., 72
Brook, R.H., 157, 196
Broyles, R.W., 88, 658
Budman, S., 1078
Burke, J.D., Jr., 327
Burns, B.J., 140, 327, S55, S159
Bush, B.T., S90

Callahan, C., 1129
Calore, K.A., 724, 801
Campbell, D.A., 238
Campbell, J.D., 847
Capitman, J.A., 9
Carey, T.S., 267
Carpenter, J.L., 928
Carroll, N.V., 1069, 1161
Chambers, L.W., 470
Chassin, M.R., 196
Cherkin, D.C., 455
Chesney, J.D., 528
Christensen-Szalanski, J.J.J., 856
Christophersen, E.R., 83
Clark, D.C., S87
Cleary, P.D., 1089, S90, 1113, 1148
Clement, J.P., 988
Coe, R.M., 250, 1105
Cohen, D.I., 72
Coltin, K., 426
Cope, D.W., 504
Copley, J.B., 928
Cox, F.M., 1069
Critchfield, G.C., S66
Cromwell, J., 801
Cross, J.G., 222
Cullen, K.E., 276
Cupples, A., 1057
Cutchin, L.M., 254

D'Aunno, T.A., 781
Dally, J.C., 570
Damico-White, J., 1078
Darby, D.H., 965
Dardis, R., 25
Davidson, G., 413
Davies, A.R., 157
Davis, C.E., 928
Davis, K.M., 181
Dawson, N.V., 72
DeBehnke, R.D., 1184
DeGregory, J.L., 847
DeVellis, B.M., 1044
DeVellis, R.F., 1044
Demby, A., 1078
Demlo, L.K., 882
DesHarnais, S.I., 528
Desai, S., 604
DiMatteo, M.R., 504
Diehr, P., 592, 1033
Dodds, S., 738
Duan, N., 157
Dunn, J.K., 1184
Durant, H., 20

Earp, J., 267
Eddy, D.M., S57, S66
Erdman, H.P., S148
Ershoff, D., 426
Erwin, W.G., 1161

Federspiel, C.F., 738
Feldstein, M., 1078
Feltin, M., 1057
Fendrick, A.M., 131
Fetter, R.B., 46
Fincham, J.E., 1069
Findley, S.E., 753
Findley, T.W., 753
Fineberg, H.V., S53
Fink, A., 196
Finney, J.W., 83
Fleming, S.T., 528
Fletcher, R.H., 267, 652
Fletcher, S.W., 267
Flood, A.B., 592
Folland, S.T., 311
Fossel, A.H., 276
Foulks, C.J., 928
Frazier, H.S., S157
Frey, W.G., 1002
Friedland, J.A., 1184
Friman, P.C., 83

Gardner, M.M., 856
Garner, T.I., 25
Gastfriend, D.R., S123
Georgopoulos, B.S., 781
Gerdes, E.P., 913
German, P.S., 327
Gibbons, R.D., S87
Gibson, G., 770
Glasgow, R.E., 868
Glasscock, S.G., 83
Glenn, J.K., 570
Glover, M., 1057
Goldberg, H.I., 72, 686
Goldman, H.H., S1, S6, S42
Gordon, E., 953
Graham, J.D., S85
Green, L., 770
Greenland, P., 717

Greenley, J.R., 1113
Greenwald, H.P., 642
Grossman, R., 953
Grundy, B.L., 1129
Guidi, E.J., 913
Gunter, M.J., 1129
Gurley, H.T., 770

Haight, M., 470
Haldeman, S., 516
Hall, J.A., 399, 437
Hall, S., 1179
Hammer, J.S., 140
Hammons, G.T., 481
Hankin, J., 616
Hanley, J.F., 928
Harrell, H., 856
Hart, L.G., 455
Hay, J.W., 148
Hays, R.D., 259
Hector, M.G., 570
Hershey, C.O., 72, 686
Hibbard, J.H. 1019
Hogan, A.J., 120
Holder, H.D., 52
Homan, S.M., 1105
Horgan, C., S1, S22, S37
Horman, D.J., 847
Hughes, R.G., 489
Hunt, S.S., 489

Ibrahim, M.A., 254
Iezzoni, L., 724, 801

James, S.A., 254
Jencks, S.F., S1, S6, S22, S37, S42
Jones, K.R., 1099

Karim, E., 582
Kasper, J.D., 386
Katz, N.R., 399, 437
Keeler, E.B., 157
Kessler, L.G., S90
Kilpatrick, K.E., 1099
Kiyak, H.A., 936
Klein, L.E., 327
Kleinbaum, D.G., 254
Klerman, G.L., 1078
Knesper, D.J., 222
Kobrinski, E.J., 528
Kofie, V., 695
Komaroff, A.L., 286
Koran, L.M., S99
Kosecoff, J., 196
Kosloski, K., 830
Kramer, M., 327
Kress, D., 1057
Kroenke, K., 928
Krueger, L., 1033
Kuder, J.M., 882

LaCorte, W., 582
Laake, P., 300
Landis, J.R., 705
Larsen, D.E., 1139
Larson, D.B., 140
Larson, M.G., 276
Lederman, R.I., 1057
Lee, J.-C., 686
Leibowitz, A., 157
Leickly, R., 1033
Lepkowski, J.M., 705
Levenkron, J.C., 717
Levey, S., 361
Levine, A.M., 675
Levine, D.M., 770
Levkoff, S.E., 1148
Liang, M.H., 276
Lichtenstein, R., 100
Linn, L.S., 504
LeGerfo, J.P., 455, 592
Lochner, T., 675
Lohr, K.N., 157
Lomas, J., 764
Long, M.J., 528
Luft, H.S., 489
Lyons, J.S., 140

MacDonald, L., 470
Maheux, B., 202
Mamon, J., 770
Manga, P., 658
Manning, W.G., Jr., 157
Manning, W.G., Jr., 894
Mant, A., 965
Marcus, S.C., S106
Marquis, M.S., 157
Marrie, T.J., 20
Marshall, B.S., 528
Martin, D.P., 1033
Marton, K.I., S99
Massanari, R.M., 481
Master, R.J., 1057
Matthews, J.I., 928
McCaul, K.D., 868
McCusker, J., 373
McGuigan, K., 675
McGuire, T.G., 1179
McLaren, C.E., 72, 686
McNeil, B.J., 286
Mechanic, D., 1089, 1113
Medsger, A., 1129
Meyers, A.R., 1057
Miller, D.S., 148
Miller, R.A., S153
Mitchell, J.B., 801
Mogielnicki, R.P., 1002
Mohide, A., 764
Morris, C.N., 157
Morris, L.A., 953
Moscovice, I., 413
Mosely, R.R., II, 250, 1105
Muawwad-Jarawan, E., 904
Munns, J.M., 695

Nathanson, C.A., 263
Nau, R., 582
Neslon, E., 1002
Neuhauser, D., S160
Newhouse, J.P., 157
Nguyen, L., S123
Nicastro, D., 1057
Nordquist, R.H., 9
Norman, G., 470
Nyiendo, J., 516
Nyman, J.A., 361

O'Connor, J.P., 426
Olsen, R.J., 148

Parboosingh, E.J., 1139
Parker, B., 695
Pass, T.M., S76
Pendergast, J.F., 1099
Pfaller, M.A., 481
Pickard, L., 764
Pineault, R., 202
Polister, P.E., S123
Porter, D.K., 72, 686, 1011
Poss, R., 276

Randall, M., 1099
Ray, W.A., 738
Reid, J.C., 570
Retchin, S.M., 652
Ricci, E., 1129
Rice, J., 582
Richardson, J.L., 675
Rippey, R.M., 148
Robb-Nicholson, C., 276
Robbins, A., 504
Roberge, N., 276
Robers, P.A., 1089
Robins, L.N., S106
Rogers, W.H., 157
Rohrer, J.E., 120, 361, 796
Roos, N.P., 1
Rosenberg, M.L., S57
Rosenblatt, R.A., 455
Rosko, M.D., 88
Roter, D.L., 399, 437
Ruth, R.J., 238
Ryan, J.F., 46

Saadeh, F., 904
Saavedra, R., 781
Safran, C., 1011
Saligman, L., 582
Sauvigne, A.E., 1002
Schafer, L.C., 868
Scheurich, J.W., 1184
Schneeweiss, R., 455
Schor, E., 616
Schulberg, H.C., S103
Schumacher, D.N., 695
Schur, C.L., 627
Schwartz, J.A., 276
Sealy, E., 20
Shapiro, E., 1
Shapiro, S., 327, 426
Siciliano, C., 72
Siegel, D.M., 979
Silberg, N., 1033
Silverman, M., 1129
Siscovick, D.S., 254
Skinner, E.A., 327
Slack, W.V., 1011
Smith, D.G., 1168
Smith, D.W., 120
Smith, R.M., 717
Smits, H.L., 46
Soumerai, S.B., 210
Sox, C.H., S99
Sox, H.C., Jr., S99
Starfield, B., 616
Stehouwer, S.A., 705
Steinwachs, D.M., 426
Stidley, C., 616
Stoddard, A.M., 373
Stokes, J., III, 582
Strogatz, D.S., 254
Svarstad, B.L., 1089

Taggart, M.P., 671
Tate, R.B., 1
Taube, C.A., S1, S6, S37
Teitelbaum, M.L., 327
Thomas, D.R., 181
Thomas, J.W., 100
Trisolini, M.G., 286
Turner, R.W., 327

Verbrugge, L.M., 539
Vilmain, J.A., 882
Visotsky, H.M., 140
Vogel, B., 1099
VonKorff, M., 327

Wagner, E.H., 254
Ware, J.E., Jr., 157
Ware, J.H., S89
Wartman, S.A., 671
Wasson, J.H., 1002
Waugh, R.A., 652
Webster, S., 1002
Weeks, E.C., 1019
Weiner, J.P., 426
Weiner, M., 1007
Weisman, C.S., 263
Weissman, M.M., 1078
Welch, A.S., 148
Welch, B.L., 148
Wells, K.B., 894
Wennberg, J.E., 354
Wessen, A.F., 671
Wetle, T., 1148
Wheeler, J.R.C., 1168
White, K., 259
Wilkinson, I.F., 965
Williamson, H.A., Jr., 570
Wolinsky, F.D., 250, 1105
Wolpert, R.L., S57
Wones, R.G., 78
Wray, N.P., 1184
Wyszewianski, L., 238

Yergan, J., 592

Zarin, D.A., S76